"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

HERRICH, K.

Investigation of the factors of all harmonics in a fractional winding. Technicka.

P. 773. (ELEKTROTECHNICKY OBZOR) (Praha, Czechoslovakia) Vol. 46, no. 11, Nov. 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol, 7, No. 5, May 1958

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

SEEMAN, Jindrich, ins.; HRBEK, Vladimir, ins.; BERDICH, Kamil, ins.; KORAN, Vladimir, ins.

Notes on the reports of Seewald, Dockal and Kubik on hydroalternators. El tech obzor 50 no.10:600-602 O '61.

1. Ministerstvo paliv a energetiky (for Seeman) 2. Ceskomoravska-Kolben-Danek Praha, n.p. (for Hrbek) 3. Zavody V. I. Lenina Plzen, n.p. (for Berdich and Koran)

(Dynamos)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

OKRUGIN, N.P.; BERDICHENKO, L.A.

Unused potentialities for increasing the production of grain on collective farms of Tomsk Province. Zemledelie 4 no.10:81-85 O '56.
(Tomsk Province--Grain) (MLRA 9:11)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKA, G. I.

BERDICHEVSKA, G. I. - "Remote Outcome of the Treatment of Hypertension in Kislovodsk." Sub 18 Nov 52, Central Inst for the Advanced Training of Physicians. (Dissertation for the Degree of Candidate in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

GOLOMOZNY, V.; SERTAKOV, M. (g.Ostrogozhsk, Voronezhskoy obl.); BERDICHEVSKAYA, F. (g.Ufa)

From the editor's mail. Mest.prom.i khud.promys. 3 no.1:38 Ja '62. (MIRA 15:2)

1. Direktor Berdyanskogo gorodskogo promyshlennogo kombinata. (Manufactures)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, G. I.

U.S.S.R. / Human and Animal Physiology. Blood Circulation. T

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22159.

Author : Berdichevskaya, G. I.
Inst : Not given.
Title : Neurogenic Origin of Bundle Branch (Hiss) Block. A Possible Etiology.

Orig Pub: V. sb. Zabolevanya serd, sosnd. sistemy. (Diseases of the cardio-vase. syst.) Nalchik, 1956, 100-107.

Abstract: Twenty-one patients (24-48 yrs. old) with bundle branch block were studied. Fifteen present symptons of neurasthenia, hysteria or psychasthenia. The X-ray configuration of the heart was normal. In 5 patients a split 1st

Card 1/1

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, G.I.

Work capacity of hypertensive patients before and following treatment at Kislovodsk. Vop. kur., fizioter. i lech. fiz. kul't. 25 no.4:295-298 Jl-Ag '60. (MIRA 13:9)

1. Iz kafedry terapii i bal'neologii na Kavkazskikh Mineral'nykh Vodakh (zav. - prof. I.S. Shnitser) TSentral'nogo instituta usovershenstvovaniya vrachey.
(HYPERTENSION) (DISABILITY EVALUATION)
(KISLOVODSK—HEALTH RESORTS, WATERING PLACES, ETC.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

L 26681-66 EWT(l)/EWT(m) IJP(c) JD/JG

ACC NR: AT6010459 SOURCE CODE: UR/3119/65/000/003/0083/0094

AUTHORS: Belkind, A. I.; Kalendarev, R. I.; Berdicheva[illegible]kaya, G. Yu.

ORG: none

61 60 B+1

TITLE: Electron emission and luminescence of x-irradiated KCl-Ag crystals

27 27

SOURCE: AN LatSSR. Institut fiziki. Radiatsionnaya fizika, no. 3, 1965. Ionyye kristally (Ionic crystals), 83-94

TOPIC TAGS: potassium chloride, activated crystal, absorption spectrum, electron emission, luminescence, x ray irradiation, relaxation process, thermoluminescence, electrooptic effect, color center

ABSTRACT: To explain the relaxation process that leads to thermally stimulated luminescence, the authors have carried a comprehensive investigation of the thermal discoloring of E color centers, thermally stimulated luminescence, and thermally stimulated emission of the KCl crystal. The crystals were grown by the Kyropoulos method and colored with x rays at an exposure of 30 minutes. The optical absorption was measured with a spectrophotometer. The comprehensive measurements of the electron emission, thermoluminescence, and thermal discoloring were made with a relaxation electrooptical setup described in detail elsewhere

Card 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

L 20001-00

ACC NR: AT6010459

(Izv. AN LatSSR, Ser. fiz.-tekh., in press). Plots are given of the spectra of the stimulated absorption of the crystal and of the temperature dependence of the various measured characteristics. The results show that thermally stimulated luminescence of x-irradiated crystals of KCl-Ag at temperatures above room temperature is accompanied by thermally stimulated electron emission and has predominantly an electronic character. The thermal destruction of certain color centers at temperatures above room temperature occurs in the very narrow temperature interval and is accompanied by electron emission. This process has probably essentially an ion-electron nature. Photostimulated emission from E color centers has a photothermal character, and when other factors are excluded this determines its temperature dependence. At temperatures above room temperature the thermal discoloring of the thermally stimulated luminescence is accompanied by thermally stimulated emission in all stages. The role of different color centers in the thermally stimulated emission and thermally stimulated luminescence is described. The temperature dependence of photostimulated emission from E centers is investigated. The authors thank Ch. B. Lushchik for suggesting the topic and a detailed discussion of the results. Orig. art. has: 6 figures.

SUB CODE: 20/ ORIG REF: 030/ OTH REF: 010/ SUBM. DATE: 00

Card 2/2 BLG

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

L 01827-67 EWT(l)/EWT(m)/T/EWP(t)/ETI IJP(c) JD/JG/GG

ACC NR: AP6030948 SOURCE CODE: UR/0181/66/008/009/2532/2535

AUTHOR: Belkind, A. I.; Kalendarev, R. I.; Berdichevskaya, G. Yu.

ORG: Institute of Physics AN LatvSSR, Riga (Institut fiziki)

TITLE: Comprehensive investigation of nonisothermal relaxation processes in alkali-halide crystal phosphors

SOURCE: Fizika tverdogo tela, v. 8, no. 9, 1966, 2532-2535

TOPIC TAGS: nonisothermal relaxation, alkali halide crystal phosphors, luminescence, discoloration, photoluminescence, thermal electron emission, photoelectron emission, relaxation combine, thermal disintegration, electron color center

ABSTRACT: A comprehensive study was made of nonisothermal relaxation processes in NaCl-Tl, KCl-Ag, and KCl-Tl alkali-halide crystal phosphors. Thermally induced luminescence, thermally induced discoloration, photo-induced luminescence, thermally induced electron emission, and photo-induced electron emission were measured using a relaxation "combine" designed by the authors espically for this investigation. The data obtained contribute to an understanding

Card 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

L 01827-67

ACC NR: AP6030948

of the thermal degradation of electron color centers. The authors thank Ch. B. Lushchik for his direction of this work. Orig. art. has: 2 figures. [Based on authors' abstract] [SP]

SUB CODE: 20/ SUBM DATE: 01Nov65/ ORIG REF: 013/ OTH REF: 003/

fv

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, I.I.; KAMENICHNY, I.S.; KUTNYAK, V.A.; PALAMARCHUK, A.N.

Introducing induction hardening of small-diameter holes by means of "oxiferrites." Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst. nauch.i tekh.inform. 18 no.4:25-26 Ap '65.

(MIRA 18:6)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BICHUL', T. V., BERDICHEVSKAYA, K. M. and MILLER, M. I. (State Inst of Applied Chem)

"Synthesis of Phenol, With Its Nucleus Tagged by Carbon Isotope C^{14}"

Isotopes and Radiation in Chemistry, Collection of papers of 2nd All-Union Sci. Tech. Conf. on Use of Radioactive and Stable Isotopes and Radiation in National Economy and Science, Moscow, Izd-vo AN SSSR, 1958, 390pp.

This volume published the reports of the Chemistry Section of the 2nd AU Sci Tech Conf on Use of Radioactive and Stable Isotopes and Radiation in Science and the National Economy, sponsored by Acad Sci USSR and Main Admin for Utilization of Atomic Energy under Council of Ministers USSR Moscow 4-12 Apr 1957.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

L 18933-63 EPR/EWP(j)/EPF(c)/BDS AFFTC/ASD Ps-4/Pc-4/Pr-4
RM/WW/MAY

ACCESSION NR: AP3006590 S/0020/63/151/006/1319/1321 72

AUTHOR: Berdichevskaya, K. M.; Chugunov, V. S.; Petrov, A. D. 71
(Corr. member, AN SSSR)

TITLE: Synthesis of several fluorine-containing silylferrocenes 7

SOURCE: AN SSSR. Doklady*, v. 151, no. 6, 1963, 1319-1321

TOPIC TAGS: silane, ferrocenes, silylferrocenes, iron, bis[(tripropylsilyl)cyclopentadienyl]-, ferrocene fluorine derivatives, fluorine derivatives, preparation, iron, bis[tris(3.3.3-trifluoropropyl)silyl]cyclopentadienyl-, iron, cyclopentadienyl/[tri(3.3.3-trifluoropropyl)silyl]cyclopentadienyl/-, silane, chlorodimethyl-[3-(trifluoromethyl)phenyl]-, disiloxane, hexa(3.3.3-trifluoropropyl)-, iron, bis(lithiocyclopentadienyl)-, iron, cyclopentadienyl/[(3-trifluoromethylphenyl)dimethylsilyl]cyclopentadienyl/-, iron, bis/[(3-trifluoromethylphenyl)dimethylsilyl]cyclopentadienyl/-, iron, bis[(tripropylsilyl)cyclopentadienyl]-

Card 1/3

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

L 18933-63

ACCESSION NR: AP3006590

ABSTRACT: Bis(tripropylsilyl)ferrocene and fluorine derivatives of bis[trialkyl(or dialkylaryl)silyl]ferrocene have been synthesized for the first time. From the products of the reaction of tris(3,3,3-trifluoropropyl)chlorosilane and bis(lithiocyclopentadienyl)iron in absolute ethyl ether for three days at room temperature with constant mixing, the following compounds were isolated: bis[tris(3,3,3-trifluoropropyl)silyl]ferrocene (I) as yellow crystals melting at 155C; [tris(3,3,3-trifluoropropyl)-silyl]ferrocene (II), melting at 105C; and a compound containing no iron and melting at 141—142C. Analysis of the last compound indicated that it was probably hexa(3,3,3-trifluoropropyl)disiloxane (III). It is assumed that III was formed by the reaction: $2(CF_3CH_2CH_2)_3SiCl + H_2O \rightarrow 2HCl + (CF_3CH_2CH_2)_3SiOSi(CH_2CH_2CF_3)_3$. The reaction of bis(lithiocyclopentadienyl)iron with chlorodimethyl[3-(trifluoromethyl)phenyl]silane in ethyl ether with mixing for 3 days at room temperature yielded two fractions. From the first fraction (bp, 205—232C at 17 mm Hg; n_D^{20}, 1.5350), {dimethyl-[3-(trifluoromethyl)phenyl]silyl}ferrocene (V), melting at 50C, was isolated chromatographically. From the second fraction (bp,

Card 2/3

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L 18933-63

ACCESSION NR: AP3006590

232—235C at 17—5 mm Hg, with decomposition), bis[3-(trifluoromethyl)phenylsilyl]ferrocene melting at 70—71C was isolated by recrystallization. Bis(tripropylsilyl)ferrocene (VI) (bp, 227—233C at 1 mm Hg; n_D^{20}, 1.5203; d_4^{20}, 1.0214) was also prepared for the first time. Orig. art. has: 6 formulas.

ASSOCIATION: Gosudarstvenny*y institut prikladnoy khimii (State Institute of Applied Chemistry)

SUBMITTED: 29May63 DATE ACQ: 27Sep63 ENCL: 00

SUB CODE: CH NO REF SOV: 002 OTHER: 007

Card 3/3

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BEL'CHIKOV, M.Ya.; SAMYLIN, N.A.; BERDICHEVSKAYA, L.I.

Use of polyacrylamide for the coagulation of flotation tails.
Koks i khim. no.10:15-18 '60. (MIRA 13:10)

1. Yenakiyevskiy koksokhimicheskiy zavod.
(Yenakiyevo--Coal preparation) (Acrylamide)
(Coagulation)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, M.YE

Acid effusive rocks in the composition of the rubble of Lower Permian conglomerates of the Middle Viliui River

Dokl. AN SSSR 86, no. 2, Sept. 1952

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, M.YE.
USSR/Geology

Card 1/1

Authors : Berdichevskaya, M. E.

Title : Stratigraphic separation of the lower continental Mesozoic stratum of the midstream region of the river Vilyuya.

Periodical : Dokl. AN SSSR, 96, Ed. 2, 359 - 362, May 1954

Abstract : The stratigraphic separation of the Mesozoic strata of the Vilyuya river depression is based on a subdivision of these strata into three formations: lower and upper-continental and central-sea formation. Lithological-mineralogical investigation of the deposits of the lower-continental stratum enabled one to distinguish three horizons in the stratum: the sub-conglomerate, conglomerate and upper-conglomerate. The mineral contents of these strata are described. Four USSR references; 1 since 1913.

Institution : Academy of Sciences, USSR, Institute of Geological Sciences

Presented by : Academician D. I. Shcherbakov, March 11, 1954

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, M.Ye.

Devonian deposits in the southwestern part of the Vilyui depression. Dokl. AN SSSR 105 no.2:326-328 '55. (MLRA 9:3)

1. Institut geologicheskikh nauk Akademii nauk SSSR. Predstavlene akademikom S.I. Mironovym.
(Vilyui Valley--Geology, Stratigraphic)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

15-1957-3-2987D

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3, p 80 (USSR)

AUTHOR: Berdichevskaya, M.Ye.

TITLE: The Lithologic-Petrographic Characteristics of the Lower Jurassic and Underlying Lower Paleozoic Rocks Along the Central Course of the Vilyuy River (Litologo-petrograficheskaya kharakteristika nizhneyurskoy kontinental'noy tolshchi i podstilayushchikh yeye verkhnepaleozoyskikh otlozheniy srednego techeniya r. Vilyuy)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Geological and Mineralogical Sciences, presented to the Sovet po izuch. proizvod. sil AN SSSR (Council for the study of industrial resources, AS USSR), Moscow, 1956.

ASSOCIATION: Sovet po izuch. proizvod. sil AN SSSR (Council for the study of industrial resources, AS USSR), Moscow.

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, M. YE.
Council for the Study of Productive Forces, Acad Sci U.SR.

BERDICHEVSKAYA, M. YE.: "The lithological-petrographic characteristics of the Lower Jurassic continental layer and the underlying upper Paleozoic deposits along the central course of the river Vilyuy." Council for the Study of Productive Forces, Acad Sci USSR. Moscow, 1956.
(Dissertation for the Degree of Candidate in Geologicomineralogical Sciences)

SO: Knizhnaya Letopis', No. 20, 1956

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, M.Ye.; LEYTES, A.M.

Copper potential of the eastern Udokan Range. Razved. i okh. nedr 26 no. 1:13-18 Ja '60. (MIRA 13:12)

1. Sovet po izucheniyu proizvoditel'nykh sil AN SSSR (for Berdichevskaya). 2. Geologicheskiy institut AN SSSR (for Leytes).

(Udokan Range--Copper ores)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, Nina Aleksandrovna; ZAVALISHINA, Natal'ya Grigor'yevna; STOLETNYAYA, Anna Markianovna; GEL'FENBEYN, L.L., otv.red.; TROFIMENKO, A.S., tekhn.red.

[A textbook of ore dressing.] Khrestomatiia po obogashcheniiu poleznykh iskopaemykh. Khar'kov, Izd-vo Khar'kovskogo gos.univ., 1959. 102 p. (MIRA 14:1)

(Readers and speakers--Ore dressing)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, T.M.; FUKS, L.A.; SHVARTSMAN, B.F.

Temperature effect in seasonal and diurnal variations of mesonic intensity of cosmic rays on Cape Shmidt. Probl.Arkt. no.4: 51-64 '58. (MIRA 11:12)
(Shmidt, Cape--Atmospheric temperature) (Cosmic rays)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, T.M.; ZHUKOVSKAYA, N.A.

On the existence of the sidereal variation in the meson intensity of cosmic rays. Trudy LAFAN SSSR. Ser. fiz. no.3:140-144 '60.
(MIRA 13:11)

(Cosmic rays) (Mesons)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

3,1800
3,2410

S/169/61/000/005/035/049
A005/A130

AUTHORS: Berdichevskaya, T.M., Zhukovskaya, N.A.

TITLE: On the existence of a stellar-diurnal variation of meson intensity in cosmic rays

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1961, 13, abstract 5 G 105. (Tr. Yakutskogo fil. AN SSSR, Ser. fiz., 1960, no. 3, 140-144)

TEXT: On the basis of data on intensity variations of the hard cosmic ray component that were obtained in Moscow, Yakutsk, Tikhaya Bay, Tokio and Freiburg, the authors investigated the presence of stellar-diurnal variation. In 1953 and 1955 the average monthly vectors of solar-diurnal variation corrected for the temperature effect evinced well expressed phase constancy. In 1954 the direction of the vector of solar-diurnal variation was shifted counterclockwise; at Tikhaya bay the phase change amounted to 180°. In contrast to this, it turned out that the phase of stellar-diurnal variation in 1954 was distinguished by high

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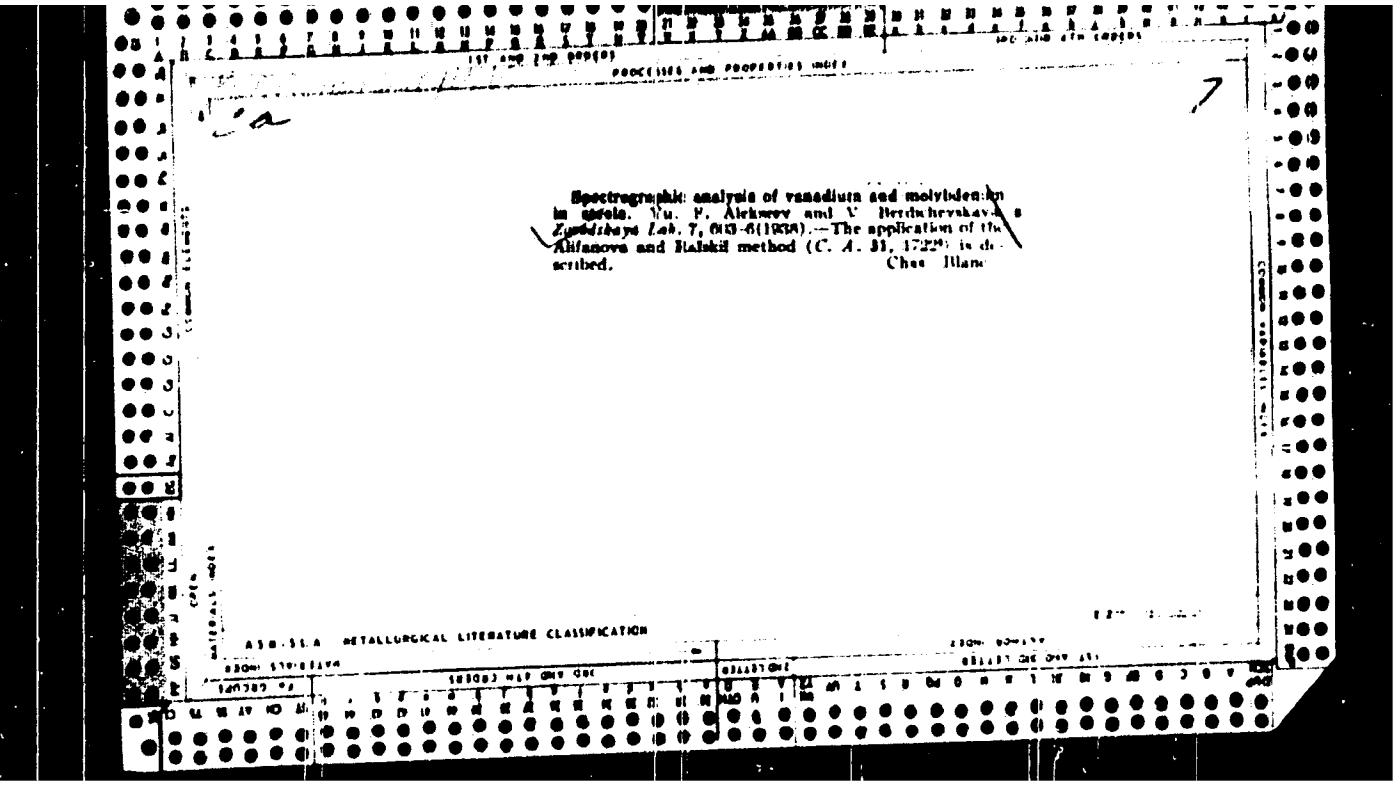
constancy. These facts indicate that during a minimum of solar activity stellar-diurnal variation, the amplitude of which becomes comparable with that of solar-diurnal variation, has predominant importance. The authors emphasize the necessity of further study of the existence of stellar-diurnal variation by means of more extensive observation data.

N.K.

[Abstractor's note: Complete translation.]

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4



Spectrographic analysis of vanadium and molybdenum in steels. Yu. P. Alekseev and V. Berdnichevskaya. *Zavodskaya Lab.* 7, 613-6(1938).—The application of the Alifanova and Balskii method (*C. A.* 31, 1722⁹) is described. Chas. Blanc

A58-51A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, V.S.

State of ionisation of moving gas in star atmospheres. Soob.GAISH no.60:14-23 '51. (MLRA 7:5)
(Stars--Atmospheres) (Ionisation of gases)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BEDICHEVSKAYA, V.S.

"Structure of the Sun's Photosphere According to Data of Observations"

Astron Zhur, vol. 30,no. 3, 279-285, May/June 1953

States that subject data is necessary in investigating solar spectra and in solving many astrophys. problems. Creates a working model of the solar photosphere and presents mathematically a picture of the structure of the upper layers of the Sun's photosphere on the basis of observations of the darkening of the solar disk towards the edge. This procedure gives the dependence of temperature T on the optical thickness tau relative to a definite wave length. Thanks Prof E.R. Mustel' for advice. Cites 13 references, all Westerni

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, V. S.

Problem of Solar Photospheric Structure
Soobshch. Gos. astron. in-ta im V. P. Shternberga, No 96, pp 3-24, 1954.

Models by Muench (Astrophys. J., 106, 12 [1947]), Minnaert, (Trans. Internat. Astron. Union, 7, 457 [1950] , and D. Barbier (Ann. Astrophys., 9, 175 [1946]) are analyzed and some discrepancies with observational data pointed out. The work by Bruggencate, Gollnow, and Jaeger (Z. Astrophys. 27,223 [1950]), whose results differ from those previously referred to, are found the best. Insufficient observational data slow down the development of the theory of spectral line profiles and other interpretations of the solar spectrum. (RZhAstr, No 11, 1955)

SO: Sum 812, 6 Feb 1956

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, M. S.

AID - P-62

Subject : USSR/Astronomy

Card : 1/ 2

Author : Berdichevskaya, B. S.

Title : Structure of Sunspots by the Theory of Radiant Equilibrium

Periodical : Astron. zhur., V. XXXI, 1, 51 - 59, Ja - F 1954

Abstract : Granted effective temperature of sunspots $T_e^* = 4620°$, and using a formula of the relation of temperature T to the mean optical thickness τ, equations of hydrostatical equilibrium, ionization equilibrium and gaseous state are jointly solved by numerical methods and tabulated. The linear depth in km of the sunspot is shown as an area of high pressure, of high concentration of atoms and of a great optical thickness. From photometric studies it may be assumed that the sunspots differ in effective temperatures and brightness. Five diagrams, several formulae and three tables are given. The article is based on the research of M. Waldmeier, G. Odgers, G. F. Sitnik and others. The bibliography gives 15 references (5 Russian).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

Astron. zhur., V. XXXI, 1, 51 - 59, Ja - F 1954 (additional card)

AID - P-62

Card : 2/2

Institution : None

Submitted : July 9, 1953

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKAYA, V.S., kandidat fiziko-matematicheskikh nauk (Moskva)

Development of the classification of stars. Priroda 45 no.4: 79-81 Ap '56. (MLRA 9:7)
(Stars--Classification)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

5(1)

AUTHOR: Berdichevskaya, V.S.

SOV/33-35-5-6/20

TITLE: Theoretical and Observed Equivalent Widths of Some Strong Lines in the Sunspot Spectrum (Teoreticheskiye i nablyudayemyye ekvivalentnyye shiriny nekotorykh sil'nykh liniy v spektre solnechnykh pyaten)

PERIODICAL: Astronomicheskiy zhurnal, 1958, Vol 35, Nr 5, pp 730-738 (USSR)

ABSTRACT: The model of the structure of sunspots proposed by Michard [Ref 4] (compare also the observations of P.Krat [Ref 13]) is discussed by comparing the observed equivalent widths of strong lines and those calculated by the method of Pecker [Ref 1]. The author's investigation concerns the equivalent widths of Mg 5184, Ca I 4227, and Al 3961. The author found deviations between the observed data and those calculated theoretically according to the model of Michard. The modern investigations of Stepanova [Ref 14] and Regemorter [Ref 15] are not considered.
There are 3 tables, 2 figures, and 15 references, 6 of which are Soviet, 3 American, 1 Dutch, 3 French, 1 German, and 1 English

ASSOCIATION: Moskovskiy inzhenerno-stroitel'nyy in-t imeni V.V.Kuybysheva (Moscow Institute for Civil Engineers imeni V.V.Kuybyshev)

SUBMITTED: August 3, 1957

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

ACCESSION NR: AP4017616 S/0033/64/041/001/0080/0086

AUTHOR: Berdichevskaya, V. S.

TITLE: Interpretation of the Evershed Effect

SOURCE: Astronomicheskiy zhurnal, v. 41, no. 1, 1964, 80-86

TOPIC TAGS: Sun, sunspot, Evershed effect, photosphere, Stellar atmosphere, atmosphere

ABSTRACT: The author notes that the investigations of St. John and Evershed have established that, on the photosphere level, there is an outflow of matter from the spot, but that an explanation of the systematic character of these movements encounters considerable difficulties. Attempts at such an explanation require a preliminary assignment of a spot model; that is, a definite hypothesis concerning the physical nature of sunspots, and this latter is an as yet unsolved problem of the physics of the Sun. This statement serves as an introduction to a discussion of the view of R. Michard (R. Michard, Ann. Astrophys., 16, no. 4, 217, 1953). It is claimed that the sunspot model, proposed independently by the author (V. S. Berdichevskaya, Astron. zhurnal, 35, no. 5, 1958) and W. Mattig (W. Mattig, Z. Astrophys., 44, 280, 1958) in 1958, leads to the representation of a "dense" spot, in which the optical thickness increases more rapidly with depth as compared with

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ACCESSION NR: AP4017616

the photosphere. In the previous model, proposed by Michard, the spot is considered as a very extended, optically transparent tube. The author discusses the difficulties associated with such a representation. On the basis of Mattig's model, the Evershed effect is considered as the outflow of matter under the influence of the horizontal pressure gradient between the sunspot and photosphere. The mean velocities of the outflow from the spot are computed for different depths. The increase in outflow velocity with depth, which is obtained, is shown to correspond with St. John's scheme representing the distribution of the Evershed outflow velocities as a function of height. A corresponding computation is made for outflow velocities in the spot region from sub-photospheric layers. The model adopted by the author permits an explanation of the "blackness" and low temperatures of the spot. It is noted, however, that remaining unexplained in the suppositions adopted concerning the nature of the Evershed effect is the question of the mechanism of the lifting motions and the mechanism governing the formation of the magnetic field, within which occurs that condensation of matter which is responsible for the great optical thickness in the spot. It is also observed that the hypothesis of a spiral structure for the magnetic field, while eliminating many difficulties, requires special study. Orig. art. has: 6 formulas, 2 tables and 3 figures.

ASSOCIATION: Moskovskiy inzhenerno-stroitel'nyy institut im. V.V. Kuyby*shava (Moscow Engineering-Construction Institute)

Card 2/2

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[illegible].

[illegible] interpretation of the Kvarstad effect. Astron.zhur. 41 no.1: [illegible] 1964. (MIRA 17:4)

1. Moskovskiy inzhenerno-stroitel'nyy institut im. Kuybysheva.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, A.

Heavy-load truck trains. Na stroi.Ros. 6 no.2:15 F '65.
(MIRA 19:1)

1. Upravlyayushchiy trestom TSentrostroytrans No.1.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, A.A.

Up-to-date organization of automotive transportation in construction. Nov.tekh. i pered. op. v stroi. 19 no.7:23-24 Jl '57. (MIRA 10:10)
(Transportation, Automotive)
(Construction industry)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

YAVORSKIY, P.K., inzh.; LINITSKIY, V.G., inzh.; ORLOVSKIY, S.I., inzh.; BERDICHEVSKIY, A.K.

Role of specific pressure and lubrication in the operation of traction chains and sprockets on mine conveyers. Vop. rud. transp. no.2:15-26 1957. (MIRA 14:4)

1. Khar'kovskiy zavod "Svet shakhtera" (for Berdichevskiy).
(Conveying machinery--Testing)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, B.E.

Parallel'naia rabota samoletnykh generatorov postoiannogo toka. (TsAGI. Trudy, 1940, no. 483)

Title tr.: Operation of aircraft DC generators working in parallel.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKII, B.E.

Elektrooborudovanie samoletov. Moskva, Oborongiz, 1943. 288 p., illus., diagrs.

Bibliographical foot-notes.

Title tr.: Aircraft electrical equipment.

TL690.B4

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

[illegible], B.I.; AYZENBERG, G.Ya.

Optimum metal content in concentrates from the dressing of sulfide antimony-mercury ores. Izv. vys. ucheb. zav.; tsvet. met. 8 no.5:29-32 '65. (MIRA 18:10)

1. Moskovskiy institut stali i splavov, kafedra obogashcheniya rud redkikh i radioaktivnykh metallov.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

ZARIGIN, V.B., BERDICHEVSKIY, E.L.

Automatic line for piercing and countersinking the blade perforations of earth-cutting machines. Stroi. i dor. mash. 6 no.3:33-36 Mr '61. (MIRA 14:4)
(Drilling and boring machinery)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

ZOLOTOV, V.N., inzh.; BERDICHEVSKIY, B.Ya., inzh.; SHEYKO, V.I., inzh.

Dnepropetrovsk Economic Region at the Exhibition of Progressive Practices in the National Economy of the Ukrainian S.S.R. Met. i gornorud.prom. no.5:85 S-O '62. (MIRA 16:1)
(Dnepropetrovsk Province—Industries)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

[illegible], B.Ya.

[illegible] N.Ya. [illegible]'s book "Reliability of receiving and amplifying tubes." Radiotekhnika 20 no.4:77 Ap '65.

(MIRA 18:6)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BUYAKOV, G.N., SEREDICHEVSKIY, D.A., RABOTNIKOV, V.S., (Krasnoyarsk)

Case of rare anomaly of cardiac development. Vrach.delo no.6:633 Je '58 (MIRA 11:7)

(HEART--ABNORMITIES AND DEFORMITIES)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

AUTHORS: Berdichevskiy, F. G., Rachinskiy, F. Yu., 79-28-3-28/61
Novoselova, Ye. K.

TITLE: Some Derivatives of Mercaptocaffeine and Mercaptotheobromine (Nekotoryye proizvodnyye merkaptokofeina i merkaptoteobromina)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 3, pp. 689-692 (USSR)

ABSTRACT: The importance of sulfohydrylcompounds in physiological processes is the object of comprehensive investigations. Therefore the mercapto derivatives of caffeine and theobromine are of special interest to scientists. E. Fischer (ref. 2) had patented the synthesis of 8-mercaptocaffeine, obtained by the reaction of 8-chlorocaffeine with potassium hydrosulfide. On the synthesis of 8-mercaptotheobromine nothing has been published, that of 8-mercaptotheophylline was, however, described in a patent (ref. 3). Khalevskiy and Eshman synthetized thiocompounds of theobromine similar in structure. The authors carried out the synthesis of 8-mercaptocaffeine (I) under somehow changed conditions starting

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

Some Derivatives of Mercaptocaffeine and Mercaptotheobromine 79-28[illegible] 28/61

from 8-bromocaffeine and the sodiumhydrosulfide dissolved in alcohol. Analogously also the 8-mercaptotheobromine (II) was produced. The sodium salts soluble in water (mercaptides) of the mercaptocaffeine and the mercaptotheobromine can pharmacologically be compared to caffeine and theobromine and can be used only in place of the soluble preparations of caffeine and theobromine. Of practical interest is the substitution of diuretine by mercaptotheobromine, as the high basicity of the former brings about its carbonization and decreases its solubility in water. As mercaptanes are subject to oxidation the sulfohydrylgroup must be protected against any reactions in order to increase the resistivity of the preparations. Some derivatives of mercaptocaffeine and mercaptotheobromine were synthetized by substituting the hydrogen by the sulfohydrylgroup, this with a view to the fact that sulfides and disulfides can be converted in the organism to compounds with free sulfohydrylgroups. The disulfides were of little pharmacological interest because of their insolubility in water. 8 derivatives of mercaptopurine were synthetized, 6 of which were described for the first time.

Card 2/3

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Some Derivatives of Mercaptocaffeine and Mercaptotheobromine 79-28-3-28/61

There are 4 references, 3 of which are Soviet.

SUBMITTED: December 14, 1956

Card 3/3

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BORICHEV KIV, I. A.

20677

KOMPLEKSNYY METOD UCHETA PRAKTIKI PRI GEOGRAFII. KVIEGSIYA 1949, NO. 2, S. 76-77.

SO: LETOPIS' NO. 31, 1949

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

KORCHAGIN, V.A., inzh.; BERDICHEVSKIY, G.A.

Prestressed concrete floating gasholder. Prom.stroi. 39 no.8:48-50 '61. (MIRA 14:9)

(Gasholders)
(Prestressed concrete construction)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERKICHEVSKIY, G.I.

KORCHINSKIY, I.L., doktor tekhnicheskikh nauk; AFANAS'YEV, A.M., kandidat tekhnicheskikh nauk, redaktor; BERKICHEVSKIY, G.I., kandidat tekhnicheskikh nauk, redaktor; MEDVEDEV, [illegible], tekhnicheskiy redaktor.

Vibrations in tall buildings. Nauchnoe soobshchenie Tsentral'nogo nauchno-issledovatel'skogo instituta promyshlennykh sooruzheniĭ no.11:3-43 '53. (MLRA 8:7)

(Building) (Vibration)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G.I., redaktor; SMOL'YAKOVA, M.V., tekhnicheskiy redaktor.

[Walls and roofs of principal shops in iron and steel mills; manual on designing] Ograzhdaiushchie konstruktsii osnovnykh tsekhov zavodov chernoi metallurgii; rukovodstvo po proektirovaniiu. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 47 p. (MLRA 7:12)

1. Moscow. Gosudarstvennyy proyektnyy institut tipovogo proyektirovaniya i tekhnicheskikh issledovaniy.
(Metallurgical plants) (Walls) (Roofs)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G.I.

PASTERNAK, Petr Leont'yevich, doktor tekhnicheskikh nauk, profesnor; TREPENENKOV, R.I., dotsent, kandidat tekhnicheskikh nauk, nauchnyy redaktor; BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk, redaktor; TOKER, A.M., tekhnicheskiy redaktor.

[Principles of the new method of calculations for foundations on elastic soils with two bedding coefficients] Osnovy novogo metoda rascheta fundamentov na uprugom osnovanii pri pomoshchi dvukh koeffitsientov posteli. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 55 p. (MIRA 8:1)
(Foundations)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G. I.

PASTERNAK, P.L., professor, doktor tekhnicheskikh nauk; AVAKOV, A.I., kandidat tekhnicheskikh nauk; BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk; MIKHAYLOV, K.V., kandidat tekhnicheskikh nauk; MEDVEDEV, L.Ya., tekhnicheskiy redaktor; TUMARKIN, D.N., inzhener, redaktor

[Prefabricated roofs made of prestressed composite girders and panels for industrial buildings] Sbornye pokrytiia promyshlennykh zdanii iz predvaritel'no napriazhennykh balok i panelei kompleksnoi konstruktsii. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 63 p. (MLRA 7:8)

(Roofs) (Concrete, Prestressed)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

PODLIPSKIY, Aleksandr Alekseyevich; ZELYATROV, V.N., nauchnyy redaktor; [redacted], G.I., kandidat tekhnicheskikh nauk, redaktor; TOKER, A.M., tekhnicheskiy redaktor

[Steel trusses for roofs] Stal'nye prutkovye konstruktsii pokrytii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1954. 141 p. (MLRA 8:3)
(Roofs) (Trusses)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

AVAKOV, A.I., laureat Stalinskoy premii, kandidat tekhnicheskikh nauk; GAKOVNIKOV, V.I., inzhener, nauchnyy redaktor; BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk, redaktor; SMOL'YAKOVA, M.V., tekhnicheskiy redaktor

[Cold pressed broken surface bars for reinforced concrete construction] Kholodnospliushchennaia armatura periodicheskogo profilia dlia zhelezobetona. Izd. 2-e, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 166 p. (MLRA 7:10)
(Reinforced concrete)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G.I.

KORENEV, B.G., professor, doktor tekhnicheskikh nauk; RUCHIMSKIY, M.N., kandidat tekhnicheskikh nauk, nauchnyy redaktor; BERDICHEVSKIY, G.I., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor.

[Problems in calculations for girders and plates on a cushion] Voprosy rascheta balok i plit na uprugom osnovanii. Moskva, Gos. izd-vo lit-ry po stroitel'stru i arkhitekture, 1954. 230 p. (MLRA 9:1)

(Girders) (Elastic plates and shells)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKII, G.I.

RZHANITSYN, Aleksey Rufovich; AFANAS'YEV, A.M., kandidat tekhnicheskikh nauk, redaktor; BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk, redaktor; DAKHNOV, V.N., tekhnicheskiy redaktor; TOKER, A.M., tekhnicheskiy redaktor.

[Structural calculations, taking into account the plastic properties of materials] Raschet sooruzhenii s uchetom plasticheskikh svoistv materialov. Izd. 2-e, perer. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 286 p. (MLRA 8:5)
(Structures, Theory of)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

HERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk.

Conference on prefabricated reinforced concrete elements for industrial buildings and installations. Stroi.prom.32 no.7:46-47 Jl '54. (MLRA 7:7)
(Gorki--Precast concrete construction--Congresses)
(Precast concrete construction--Congresses--Gorki)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G. I.

VEKSMAN, A.M., inshener; BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk; MIKHAYLOV, K.V., knadidat tekhnicheskikh nauk.

Use of prefabricated prestressed girders and large panels in floors of industrial buildings. Stroi.prom. 32 no.8:11-18 Ag '54. (MLRA 7:8)
(Floors, Concrete) (Precast concrete construction)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

PASTERNAK, P.L., doktor tekhnicheskikh nauk, professor, rukovoditel';

MIKHAYLOV, K.V., kandidat tekhnicheskikh nauk; BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk.

Panels of complex design for heated beamless floors of industrial buildings developed by the Scientific Research Institute of Construction. Rats. i izobr. predl. v stroi. no.81:13-17 '54.
(Floors, Concrete) (MIRA 8:6)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G.I.

PASTERNAK, P.L., professor, doktor tekhnicheskikh nauk, rukovoditel'. BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk; AVAKOV, A.I., kandidat tekhnicheskikh nauk; MIKHAYLOV, K.V., kandidat tekhnicheskikh nauk

Prestressed reinforced concrete beams developed by the Scientific Research Institute of Construction. Rats. i izobr. predl. v stroi. no.81:23-25 '54. (MLRA 8:6)
(Girders) (Concrete, Prestressed)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

AVAKOV, Artemiy Ivanovich, kandidat tekhnicheskikh nauk; HERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk, redaktor; SKRAMTAYEV, B.G., doktor, tekhnicheskikh nauk, professor, redaktor; POPOV, N.A., doktor tekhnicheskikh nauk, professor, redaktor; ROSTOVTSEVA, M.P., redaktor; VOLKOV, V.S., tekhnicheskiy redaktor.

[Determining the composition of concrete mixtures and mortars; reference manual] Naznachenie sostavov i rastvorov; spravochnoe posobie. Pod obshchei red. B.G.Skramtaeva i N.A.Popova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 45 p. (MLRA 9:6)
(Concrete) (Mortar)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

IVANIN, Ivan Yakovlevich, dotsent, kandidat tekhnicheskikh nauk; BERDICHEV-SKIY, G.I., kandidat tekhnicheskikh nauk, redaktor; PERSON, M.N., tekhnicheskikh redaktor

[Determining the stress of roof trusses] Opredelenie usilii v stropil'nykh fermakh; spravochnoe posobie. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955. 126 p. (MLRA 8:6)
(Trusses) (Roofs)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G.I.

TREPENENKOV, R.I., kandidat tekhnicheskikh nauk, redaktor; BERDICHEVSKIY, G.I., redaktor; DAKHKOV, V.S., tekhnicheskiy redaktor.

[Studies; reinforced concrete structures] Issledovaniia; zhelezobetonnye konstruktsii. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture. 1955. 160 p. (MLRA 8:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu.
(Reinforced concrete construction)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

MAKOVETSKIY, S.G., kandidat tekhnicheskikh nauk; BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk.

Increasing the prestress in reinforced concrete beams; evaluation of T.M. Dolobko's article. Bet.i zhel.-bet. no.9:340-341 D '55. (MLRA 9:3)

(Girders) (Prestressed concrete)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

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BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk; MIKHAYLOV, K.V., kandidat tekhnicheskikh nauk.

Calculating construction elements made with hardened steel reinforcements. Stroi. prom. 44 no.5:36-40 My '55. (MLRA 8:6)
(Reinforced concrete)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

KUZNETSOV, G.F.; MOROZOV, N.V.; ANTIPOV, T.P., DUZINKEVICH, S.Yu., inzhener, nauchnyy redaktor; BERDICHEVSKIY, G.I., redaktor; AGRANOVSKIY, Ye.A., tekhnicheskiy redaktor

[Structural elements of multi-story frame-and -panel and panel-built apartment houses] Konstruktsii mnogoetazhnykh karkasno-panel'nykh i panel'nykh zhilykh domov. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 210 p. (MLRA 9:7)
(Apartment houses)

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BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk, redaktor; TUMARKIN, D.M., inzhener, redaktor izdatel'stva; TOKER, A.M., tekhnicheskiy redaktor; PERSON, M.N., tekhnicheskiy redaktor

[Precast reinforced concrete; an annotated bibliography of literature published from 1949 to 1954. Soviet and foreign literature in books and journals] Sbornyi zhelezobeton; annotirovannyi ukazatel' literatury za 1949-1954 gg. Otechestvennaia i inostrannaia knizhnaia i zhurnal'naia literatura. Pod red. G.I.Berlichevskogo. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 229 p. (MLRA 10:3)

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BERDICHEVSKIY, O.I., redaktor izdatel'stva; DAKHNOV, V.S., tekhnicheskiy redaktor; PERSON, M.N., tekhnicheskiy redaktor

[Soviet and foreign literature on the construction industry; a bibliography. First half of 1954] Stroitel'naia literatura SSSR i zarubezhnykh stran; bibliograficheskii ukazatel'. Pervoe polugodie 1954 g. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1957. 215 p. (MLRA 10:6)

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BERDICHEVSKIY G.I.

BERNSHTEYN, Sergey Aleksandrovich; BERDICHEVSKIY, G.I., kand.tekhn.nauk, nauchnyy red.; GUSEVA, S.S., tekhn.red.

[History of structural engineering] Ocherki po istorii stroitel'noi mekhaniki. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1957. 235 p. (MIRA 11:5)

(Structures, Theory of)

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ARONCHIK, Bentsion Davidovich, inzh.; MIKHAYLOV, K.V., kand.tekhn.nauk, nauchnyy red.; BERDICHEVSKIY, G.I., kand.tekhn.nauk, red.izd-va; PERSON, M.N., tekhn.red.

[Nomographs for calculating cross sections of structural elements in concrete and reinforced concrete construction] Nomogrammy dlia rascheta sechenii elementov betonnykh i zhelezobetonnykh konstruktsii. Moskva, Gosstroiizdat, 1958. 91 p. (MIRA 11:6)
(Concrete construction)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

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TAL', K.E., kand.tekhn.nauk, nauchnyy red.; BERDICHEVSKIY, G.I., nauchnyy red.; KOTIK, V.A., red. izd-va; EL'KINA, E.M., tekhn.red.

[Theory of analysing and designing reinforced concrete construction elements; collection of articles] Teoriia rascheta i konstruirovaniia zhelezobetonnykh konstruktsii; sbornik statei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 212 p. (MIRA 12:1)

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(Reinforced concrete)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G.I., kand.tekhn.nauk; LITVER, S.L., kand.tekhn.nauk

Investigating self-induced stresses in reinforced elements made of stressing cements. Trudy NIIZHB no.3:93-139 '58. (MIRA 12:1)

(Prestressed concrete--Testing)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

SOV/97-58-9-2/13

AUTHORS: ~~Berdichevskiy, G.I.,~~ Mikhaylov, K.V., Candidates of Technical Sciences and Yakushin, V.P., Engineer.

TITLE: Pre-cast Pre-stressed Reinforced Concrete Roof Trusses for Industrial Buildings Manufactured by the Method of Vibro-stamping ((Predvaritel'no napryazhennyye zhelezobetonnyye balki pokrytiy promyshlennykh zdaniy, izgotovlyayemyye s primeneniyem vibroshtampovaniya)

PERIODICAL: Beton i Zhelezobeton, 1958, Nr 9, pp 327 - 329 (USSR)

ABSTRACT: Results of investigations proved the reliability of the construction of described trusses as far as strength against crack formations is concerned. It was established that for multi-bay constructions, low-alloy steel of non-periodical profile of 32 mm Mark 30KhG2S could be used, as well as self-anchoring fixing. In the caseof trusses with batch reinforcement, a sample construction of half-trusses was designed, an allowance for welded joint being made. Batches of steel wires (7 wires) of 5 mm diameter were bent up 2 m from the end of the truss and splayed in a fan-shape by which considerable simplification of casting was achieved, without losing strength. The bending of the tensioned reinforcement from the lower flange into the wall of the web (fan shape) was carried

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Pre-cast Pre-stressed Reinforced Concrete Roof Trusses for Industrial Buildings Manufactured by the Method of Vibro-stamping

out by simple methods. Cracks appearing in the top flange of the truss, when the tensioning of the reinforcement ceases, are not detrimental to the load-bearing capacity of the truss. Tests also showed that it is possible to omit tensioning in the top flange. Investigations showed that trusses of 24 m span proved successful and economical when horizontally cast and when vibro-stamping is applied, in comparison with the old method of vertical casting. The vibro-stamping installation allows mechanisation of consolidation of the concrete mix; it is simple in construction and could be made in local factories. Laboratories of the NIIZhB AsiA SSSR working on pre-cast pre-stressed reinforced concrete constructions and the theory of reinforced concrete and reinforcement developed and tested in 1956-1957 a method of vibro-stamping of pre-stressed reinforced concrete roof trusses in horizontal position. Two trusses of 24 m span were tested to breaking point; one was reinforced with low-alloy steel batch reinforcement of non-periodical profile Mark 30KhG2S and the other reinforced by high-tensile reinforcement of standard

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Pre-cast Pre-stressed Reinforced Concrete Roof Trusses for Industrial Buildings Manufactured by the Method of Vibro-stamping

profile (Figure 1). The trusses were calculated for a load of 380 kg/m^2, with rafters placed 6 m apart. Structural Engineers A. Al'tshuler and Ye. Spektor collaborated in constructing the prototype of the truss. The section of the truss is in the shape of an "I", is 2 000 mm high in the middle, tapering down to 1 000 mm at the end (1:12). The width of the top flange is 450 mm. The bottom flange is 120 x 220 mm in cross-section with the top splayed. The truss was designed in two halves reinforced by pre-stressed batch reinforcement and joining of the two halves of the truss is made by welding together two steel plates, 25 mm thick. The reinforcement of the web and the top flange is of steel Mark 25G2S. The reinforcement of the bottom flange consists of four rods each 28 mm in diameter, stressed to 6 500 kg/cm^2 (the limit of strength of the steel is 10 000 kg/cm^2. Figure 2 illustrates positions of the reinforcement of trusses. Figure 3: the tensioning of the reinforcement and - Figure 4: completed reinforcement of the truss using rod reinforcement. Table 1 gives values for various materials

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Pre-cast Pre-stressed Reinforced Concrete Roof Trusses for Industrial Buildings Manufactured by the Method of Vibro-stamping

used in trusses of different makes, e.g. Promstroyproyekt, Giprotis and GPI-1. Figure 5 illustrates anchor for tensioning of reinforcement type "Promstal'konstruktsiya". Figure 6 shows vibrating lids, 6 m long, with 6-7 vibrators I-117. The finished truss, ready for testing, is illustrated in Figure 7. Details of the welded joint is given in Figure 8. Figure 9: distribution of cracks in the truss reinforced with batch reinforcement under the load immediately prior to collapse and Figure 10 illustrates the same, but with alternative rod reinforcement. The deflection of trusses in the middle of the span is shown in the graph (Figure 11). Results of tests carried out are given in Table 2. There are 11 figures and 2 tables.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G.I., kand.tekhn.nauk; DMITRIYEV, S.A., kand.tekhn.nauk; MIKHAYLOV, K.V., kand.tekhn.nauk; GVOZDEV, A.A., prof., doktor tekhn.nauk; MIKHAYLOV, V.V., prof., doktor tekhn.nauk; BULGAKOV, V.S., kand.tekhn.nauk; VASIL'YEV, A.P., kand.tekhn.nauk; YEVGEN'YEV, I.Ye., kand.tekhn.nauk; MULIN, N.M., kand.tekhn.nauk; SVETOV, A.A., kand.tekhn.nauk; FRENKEL', I.M., kand.tekhn.nauk; BELOBROV, I.K., inzh.; MATKOV, N.G., inzh.; MITNIK, G.S., inzh.; SKLYAR, B.L., inzh.; SHILOV, Ye.V., inzh.; MASENKO, I.D., inzh.; NIZHNICHENKO, I.P., inzh.; FILIPPOVA, G.P., inzh.; MIZERNYUK, B.N., kand.tekhn.nauk; SHEYNFEL'D, N.M., kand.tekhn.nauk; BALAT'YEV, P.K., kand.tekhn.nauk; BARBARASH, I.P., kand.tekhn.nauk; MITGARTS, L.B., kand.tekhn.nauk; SHIFRIN, M.A., kand.tekhn.nauk; PETROVA, V.V., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Temporary instruction on the technology of making prestressed reinforced concrete construction elements] Vremennaia instruktsiia po tekhnologii izgotovleniia predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 255 p. (MIRA 12:12)

(Continued on next card)

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BERDICHEVSKIY, G.I.---(continued) Card 2.
1. Akademiya stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. 2. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR (for Gvozdev, V.V.Mikhaylov, Berdichevskiy, Bulgakov, Vasil'yev, Dmitriyev, Yevgen'yev, K.V.Mikhaylov, Mulin, Svetov, Frenkel', Belobrov, Matkov, Mitnik, Sklyar, Shilov). 3. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhpomoshchi Akademii stroitel'stva i arkhitektury SSSR (for Masenko, Nizhnichenko, Filippova, Mizernyuk, Shaynfel'd). 4. Nauchno-issledovatel'skiy institut Glavmospromstroymaterialov (for Balat'yev, Barbarash). 5. Nauchno-issledovatel'skiy institut po stroitel'stvu Minstroya RSFSR (for Mitgarts, Shifrin). 6. Deystvitel'nyye chleny Akademii stroitel'stva i arkhitektury SSSR (for Gvozdev, V.V.Mikhaylov).
(Prestressed concrete)

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BERDICHEVSKIY, G.I., kand.tekhn.nauk; MIKHAYLOV, K.V., kand.tekhn.nauk

"Prestressed reinforced concrete construction" by V.Kherberg. Reviewed by G.I.Berdichevskii, K.V.Mikhailov. Bet. i zhel.-bet. no.2: 95-96 F '59. (MIRA 12:3)

(Prestressed concrete construction)
(Kherberg, V.)

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BERDICHEVSKIY, G.I., kand.tekhn.nauk, DMITRIYEV, Yu.V., inzh.

Stress distribution near the cavities in webs of prestressed reinforced concrete beams. Bet. i zhel.-bet. no.2:90-95 F '60. (MIRA 13:6)
(Strains and stresses) (Girders)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, O.I., kand.tekhn.nauk; MARKAROV, N.A., inzh.

Taking into account the time factor in determining stress losses due to the creep of concrete. Bet. i zhel.-bet. no.9:408-412 S'60. (MIRA 13:9)
(Prestressed concrete) (Strains and stresses)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, I.I., kand.tekhn.nauk; KLEVTSOV, V.A., inzh.

Testing prestressed concrete crane beams with continuous reinforcements. Trudy NIIZHB no.14:47-125 '60. (MIRA 13:10)
(Cranes, derricks, etc.) (Girders--Testing)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G.I., kand.tekhn.nauk

Calculating deformations of prestressed concrete beams of varying height with two sloping surfaces. Bet.i zhel.-bet. no.8:376-381 Ag '61. (MIRA 14:8)
(Prestressed concrete) (Beams and girders)

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BERDICHEVSKIY, G.I., kand.tekhn.nauk; MIKHAYLOV, K.V., kand.tekhn.nauk; YAKUSHIN, V.A., inzh.

Study of prestressed reinforced concrete beams manufactured horizontally for roofs of industrial buildings. Trudy NIIZHB no.24:5-60 '61. (MIRA 15:5)
(Beams and girders) (Roofing, Concrete)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

BERDICHEVSKIY, G.I., kand.tekhn.nauk; KLEVTSOV, V.A., inzh.

Study of prestressed continuously reinforced crane beams of 12-meter span, manufactured on stands with the use of DN-7 machines. Trudy NIIZHB no.24:128-144 '61. (MIRA 15:5)
(Beams and girders)

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BERDICHEVSKIY, G.I.

FRENKEL', I.M., kand. tekhn. nauk; MIRONOV, S.A., doktor tekhn. nauk, prof.; BARANOV, A.T., kand. tekhn. nauk; BUZHEVICH, G.A., kand. tekhn. nauk; MIKHAYLOV, K.V., kand. tekhn. nauk; MULIN, N.M., kand. tekhn. nauk; KHAYLUKOV, G.K., kand. tekhn. nauk; KORNEV, N.A., kand. tekhn.nauk; TESLER, P.A., kand. tekhn. nauk; BERDICHEVSKIY, G.I., kand. tekhn. nauk; VASIL'YEV, A.P., kand. tekhn. nauk; LYUDKOVSKIY, I.G., kand. tekhn. nauk; SVETOV, A.A., kand. tekhn. nauk; CHIRENKOV, Yu.V., kand. tekhn. nauk; BELOBROVYY, .K., inzh.; KLEVTSOV, V.A., inzh.; DOBROMYSLOV, N.S., arkh.; DESOV, A.Ye., doktor tekhn. nauk, prof.; LITVER, S.L., kand. tekhn. nauk; PISHCHIK, M.A., inzh.; SKLYAR, B L., inzh.; POPOV, A.P., kand. tekhn. nauk; NEKRASOV, K.D., doktor tekhn. nauk, prof.; MILOVANOV, A.F., kand. tekhn. nauk; TAL', K.E., kand. tekhn. nauk; KALATUROV, B.A., kand. tekhn. nauk; KARTASHOV, K.N., red.; MAKARICHEV, V.V., kand. tekhn. nauk, red.; YAKUSHEV, A.A., inzh., nauchnyy red.; BEGA, B.A., red. izd-va; NAUMOVA, G.D., tekhn. red.

[Reinforced concrete products; present state and prospects for development]Zhelezobetonnye konstruktsii; sostoianie i perspektivy razvitiia. Pod obshchei red. K.N.Kartashova i V.V.Makarichova. Moskva, Gosstroiizdat, 1962. 279 p. (MIRA 15:8)

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Gosudarstvennyy institut tiporovogo proyektirovaniya i tekhnicheskikh issledovaniy

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BERDICHEVSKIY, G.I., doktor tekhn. nauk, red.; BOLOTINA, A.V., red.; BRUSINA, L.N., tekhn. red.

[Prestressed concrete structures for industrial buildings] Predvaritel'no napriazhennye zhelezobetonnye konstruktsii proizvodstvennykh zdanii. Pod red. G.I.Berdichevskogo. Moskva, Gosstroiizdat, 1963. 241 p. (MIRA 16:12)

1. Moscow. Nauchno-issledovatel'skiy institut betona i zhelezobetona.
(Prestressed concrete construction)

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BERDICHEVSKIY, G.I., doktor tekhn.nauk; ISSERS, P.A., inzh.; KHOROSHIY, I.S., inzh.

Study of the behavior of the silo frame of an elevator made of precast prestressed concrete rings. Bet. i zhel.-bet. 9 no.2: 68-73 F '63. (MIRA 16:5)
(Silos) (Prestressed concrete--Testing)

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BERDICEVSKIJ, G.I. [Berdichevskiy, G.I.], doktor technickych vied;
DMITRIEV, J.V. [Dmitriyev, I.V.], kandidat technickych vied

Prestressed reinforced concrete girders with prestressed transverse reinforcement. Inz stavby 12 no.1:32-37 Ja'64.

1. Laboratoria predpatych konstrukcii Vedecko-vyskumneho ustavu betonu a zelezobetonu, Moskva.

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BERDICHEVSKIY, G.I., doktor tekhn. nauk; VASIL'YEV, A.P., doktor tekhn. nauk

Problems in improving the strength of concrete and steel in reinforced concrete structures. Prom. stroi. 41 no.8:8-10 Ag '64. (MIRA 17:11)

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BERDICHEVSKIY, G. M.

USSR/Electricity - Induction Motors May 52

"Formula for Determination of the Profit From Synchronization of Induction Motors," Engr G. M. Berdichevskiy, Riga

"Elektrichestvo" No 5, pp 60-62

Examines critically the formula for detn of profit from synchronization of induction motors recommended in Resolution No 45/139/E and in other documents of Technical Division and State Inspectorate for Industrial Power Eng and Power Supervision (both under Min of Elec Power Stas). Finds formula absolutely inapplicable for detg economic expediency and profit return of synchronization. Submitted 9 Feb 51

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SEKEY, G.I., inzhener; BERDICHEVSKIY, G.M., inzhener; SERGEYEV, A.S., kandidat tekhnicheskikh nauk; POLYAKOV, V.A., inzhener; MOROZOV, M.M.

Concerning L.V.Litvak's article "Low-voltage capacitors for power factor improvement." Prom.energ.12 no.2:13-16 F '57. (MLRA 10:3)

1. Giprolesprom (for Sekey). 2. Energosbyt Latvenergo (for Sergeyev) 3. Krivorozhskiy gornorudnyy institut (for Sergeyev). 4. Trest "Kavelelektromontazh" (for Polyakov) 5. Direktor zavoda "Kondensator" (for Morozov).

(Condensers (Electricity))

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BERDICHEVSKIY, I.M., inzh.; IVANOV, V.N., inzh.

Protection of underground structures from corrosion.
Energetik 13 no.5:17-18 My '65. (MIRA 18:8)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030002-4

MERDICHEVSKIY, T.M., insh.; KONSTANTINOVSKIY, A.Ye., insh; PIGGOT, S.G., insh.

Remote signaling system for distant equipment. Elek.sta. 29 no.6: 64-66 Je '58. (MIRA 11:9)
(Remote control) (Electric cables)

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